KEERTI MADHUVANTIKA A

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EDUCATION

B.E.(ECE) - Sri Eshwar College of Engineering	CGPA: 9.00 (upto 2nd sem)	2022-2026
HSC - Bharathiya Vidya Mandir Matric Higher Secondary School	93.33%	2020-2022
SSLC - Bharathiya Vidya Mandir Matric Higher Secondary School	85%	2019-2020

INTERNSHIP

MERN Stack - Better Tomorrow   March 2024
Applied MERN Stack expertise to develop secure APIs and implement database connections for user authentication in dynamic web applications. Collaborated within a team environment to gain practical experience with cutting-edge technologies

Web Development - Octanet Services Pvt Ltd (Virtual Internship) - Completion Certificate   January 2024
Completed web development internship with proficiency. Gained valuable skills in HTML, CSS, JavaScript, and frameworks. Contributed to real-world projects and learned industry best practices.

UI/UX Designer – Codsoft (Virtual Internship) - Completion Certificate   January 2024
Completed UI/UX internship with excellence. Acquired skills in user-centered design principles and prototyping tools. Contributed to enhancing user experiences across various projects.

Java Development – Oasis Infobyte (Virtual Internship) - Completion Certificate   February 2024
Completed Java development internship successfully. Gained hands-on experience in Java programming and software development. Contributed to real-world projects and honed coding skills.

Machine Learning – Bharat Intern (Virtual Internship) - Completion Certificate   February 2024
Completed machine learning internship. Acquired practical experience in data preprocessing, model training, and evaluation. Contributed to projects focusing on predictive analysis and pattern recognition.

PROJECTS

Smart Cart Billing System
Developed an automated billing system which streamlines checkout with in-cart barcode scanning, automatic quantity adjustments, and secure online payments via generated QR codes. It eliminates long queues, manual scanning errors, and provides real-time product information, enhancing customer satisfaction and retail efficiency.
Tech Stack : Embedded Systems and IOT

Stock Portfolio Tracker
Developed an app optimizes stock management through real-time monitoring, personalized alerts, and comprehensive analytics. It streamlines portfolio tracking, improves decision-making, and boosts overall stock management efficiency.
Tech Stack : Javafx, MySQL

Smart Plant Monitoring System
Developed a smart plant monitoring system ensures robust plant health management by integrating pest and animal control measures. Through real-time sensors and automated responses, it mitigates threats, optimizes growing conditions, and fosters healthier plant growth, enhancing overall agricultural productivity.
Tech Stack : Embedded Systems and IOT, MERN Stack

Contact Manager
Designed a contact management app offers comprehensive features for organizing and accessing contacts efficiently. It includes advanced search options, customizable tags, and seamless synchronization across devices, enhancing user productivity and organization.
Tech Stack : MERN Stack (React, Mongodb, Express, Node, REST API)

CERTIFICATIONS

Mastering Data Structure and Algorithms Using C and C++	Udemy	2023
Programming in Java	Nptel	2023
SQL Certifications from HackerRank	HackerRank	2024
Python Certifications from HackerRank	HackerRank	2024

ACHIEVEMENTS

Smart Cart Billing System - Secured third place in the Ideas Ignite national symposium by Sri Krishna College of Engineering and Technology. Also, clinched first place in the First Year Project Expo held at Sri Eshwar College of Engineering.

Stock Portfolio Tracker - Secured second place in Algo Tutor's Java Sprint Week at Sri Eshwar College of Engineering.

SKILLS

Languages	-	C | Java | Python | HTML | CSS | JavaScript | React
Core	-	Embedded Systems and IOT
Databases	-	SQL | MongoDB
Tools	-	VSCode | Eclipse | ModelSim | MultiSim | Google Collab | Arduino IDE